

WHAT IS CLAIMED IS:

1 1. An air bag device comprising: an air bag which is accommodated
2 in a folded state along sides of a seat back and a seat cushion
3 of a seat for an occupant and which is adapted to be expanded by
4 a gas generated by an inflator upon side collision of a vehicle
5 to be deployed between an inner surface of a side of a vehicle
6 compartment and the occupant,

7 wherein the air bag is disposed outside a lap belt of a
8 seat belt device provided with the seat.

1 2. An air bag device according to claim 1, further including
2 an air bag cover enclosing said air bag in the folded state, said
3 air bag and said air bag cover are disposed at least partially
4 within said seat.

1 3. An air bag device according to claim 2, wherein said air
2 bag cover includes a protrusion disposed outside of said seat and
3 enclosing a portion of said air bag, said lap belt extends between
4 said protrusion and said seat.

1 4. An air bag device according to claim 3, further including
2 a cover disposed over said protrusion.

1 5. An air bag device according to claim 2, wherein said lap
2 belt extends between said air bag cover and the occupant.

1 6. An air bag device according to claim 2, wherein a vertically

2 extending portion of said lap belt is disposed between said air
3 bag cover and the occupant.

1 7. An air bag device according to claim 1, further including
2 an air bag cover enclosing said air bag in the folded state, said
3 air bag and said air bag cover are disposed within said seat.

1 8. An air bag device according to claim 1, wherein when said
2 air bag is deployed it connects an upper end of said seat back
3 and a front end of the seat cushion.

1 9. An air bag device according to claim 2, wherein said air
2 bag cover includes a first portion embedded in the seat back, a
3 second portion embedded in the seat cushion, and a flexible
4 portion connecting the first and second portions.

1 10. An air bag device according to claim 7, wherein a bore is
2 formed through said seat cushion inwardly of said air bag cover,
3 said lap belt extends through said bore.

1 11. An air bag device comprising:

2 an air bag which is accommodated in a folded state along
3 sides of a seat back and a seat cushion of a seat for an occupant
4 of a vehicle;

5 an inflator which generates a gas to the air bag upon side
6 collision of the vehicle to be deployed between an inner surface
7 of a side of a vehicle compartment and the occupant,

8 wherein the air bag is disposed outside a lap belt of a
9 seat belt device provided with the seat such that no portion of
10 the air bag is between the lap belt and the occupant.

1 12. An air bag device according to claim 11, further including
2 an air bag cover enclosing said air bag in the folded state, said
3 air bag and said air bag cover are disposed at least partially
4 within said seat.

1 13. An air bag device according to claim 12, wherein said air
2 bag cover includes a protrusion disposed outside of said seat and
3 enclosing a portion of said air bag, said lap belt extends between
4 said protrusion and said seat.

1 14. An air bag device according to claim 13, further including
2 a cover disposed over said protrusion.

1 15. An air bag device according to claim 12, wherein said lap
2 belt extends between said air bag cover and the occupant.

1 16. An air bag device according to claim 12, wherein a
2 vertically extending portion of said lap belt is disposed between
3 said air bag cover and the occupant.

1 17. An air bag device according to claim 11, further including
2 an air bag cover enclosing said air bag in the folded state, said
3 air bag and said air bag cover are disposed within said seat.

1 18. An air bag device according to claim 11, wherein when said
2 air bag is deployed it connects an upper end of said seat back
3 and a front end of the seat cushion.

1 19. An air bag device according to claim 12, wherein said air
2 bag cover includes a first portion embedded in the seat back, a
3 second portion embedded in the seat cushion, and a flexible
4 portion connecting the first and second portions.

1 20. An air bag device according to claim 17, wherein a bore is
2 formed through said seat cushion inwardly of said air bag cover,
3 said lap belt extends through said bore.